

DERWENT-ACC-NO: 2002-215704

DERWENT-WEEK: 200227

COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE: Image display device for television,
has color filters
rotatably provided between light
source and image display
element, to sequentially convert
white light into various
colors to display full color image

INVENTOR: SHIGETA, K

PATENT-ASSIGNEE: CANON KK[CANO] , SHIGETA K[SHIGI]

PRIORITY-DATA: 2000JP-0191904 (June 26, 2000)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC
US 20010055081 A1		December 27, 2001	N/A
028	G02F 001/1335		
JP 2002006395 A		January 9, 2002	N/A
020			

G03B 021/00

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-DESCRIPTOR	APPL-NO
US20010055081A1		N/A	
2001US-0885011		June 21, 2001	
JP2002006395A		N/A	
2000JP-0191904		June 26, 2000	

INT-CL (IPC): G02B026/00, G02B027/00 , G02F001/133 ,
G02F001/1335 ,
G02F001/13357 , G03B021/00 , G03B021/14 , G09F009/30 ,
G09G003/20 ,
G09G003/34 , G09G003/36 , H04N009/31

ABSTRACTED-PUB-NO: US20010055081A

BASIC-ABSTRACT:

NOVELTY - An illumination device has a number of color filters (31,32) rotatably arranged between a light source (30) and an image display element (2). The filter drivers (33,34) rotationally drives each of the filters individually, so that the white light emitted from the source is sequentially converted into each color of light, and the image quality of the full color image is switched.

USE - For displaying a field sequential format image for television, home video, personal computer, during conference.

ADVANTAGE - As filters are provided, the display characteristics can be changed without improving the large scale mechanical structure, focusing efficiency etc. A high performance display is flexibly optimized for diversified input images.

DESCRIPTION OF DRAWING(S) - The figure shows the image display device.

Image display element 2

Light source 30

Color filters 31,32

Filter drivers 33,34

CHOSEN-DRAWING: Dwg.1/15

DERWENT-CLASS: P81 P82 P85 U14 W04

EPI-CODES: U14-K01A1C; U14-K01A4C; W04-Q01E3A;